

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: Unknown )  
)  
Filing Date: Unknown )  
)  
Priority Date: 28 July 2000 )  
)  
Applicant: FIELDING, Victor )  
)  
For: CONNECTOR ADAPTOR )

PRELIMINARY AMENDMENT

Director For Patents  
Box: New Application  
Washington, D.C. 20231

Dear Sir:

This is a preliminary amendment to the enclosed application entitled "Connector Adaptor" claiming priority to British Patent Application No. 0018426.7 filed 28 July 2000.

In the Specification:

Please amend the specification as follows:

Page 1, after the title insert the following header and paragraph:

**--CROSS-REFERENCE TO RELATED APPLICATION**

This application claims priority to British Patent Application No. 0018426.7 filed 28 July 2000.--;

Page 1, prior to the first paragraph, add the Header:

**--BACKGROUND OF THE INVENTION--**

Page 1, line 23, change "utilising" to --utilizing--.

Page 3, before the first line, add the Header:

**--SUMMARY OF THE INVENTION--**

Page 3, line 12, change "characterised" to --characterized--.

Page 5, lines 3 and 20 change "characterised" to --characterized--.

Page 6, before the 1st line add the Header:

**--DESCRIPTION OF THE DRAWINGS--;**

Page 6, before line 8, add the Header:

**--DESCRIPTION OF THE PREFERRED EMBODIMENTS--.**

Page 8, add the new following paragraph after the last line

--While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.--

In the Claims:

1. (Amended) Electrical apparatus for the processing of video and/or audio data [and which apparatus includes] , said apparatus comprising: a printed circuit board carrying processing components thereon and the printed circuit board is provided with at least one scart connection for the connection of further apparatus thereto and for the transfer of data between said apparatus, and [characterised in that] wherein there is provided for selective attachment to the scart connection, an adaptor, said adaptor provided with at least one scart connector for connection with the said apparatus, and at least one output connection for the selective connection thereto

of phono and/or other format connectors, from the said further apparatus.

2. (Amended) Apparatus according to claim 1 [characterised in that] wherein a common printed circuit board configuration is used for [the] said apparatus.

3. (Amended) Apparatus according to claim 1 [characterised in that the] wherein said apparatus is a broadcast data receiver.

4. (Amended) Apparatus according to claim 1 [characterised in that the] wherein said printed circuit board and said adaptor include two or more scart connectors for mutual engagement.

5. (Amended) Apparatus according to claim 1 [characterised in that] wherein when [the] said adaptor is not attached to [the] said printed circuit board the at least one scart connector of [the] said printed circuit board is exposed externally of [the] said apparatus to allow the attachment of scart connectors thereto by the user.

6. (Amended) Apparatus according to claim 1 [characterised in that] wherein when [the] said adaptor is attached to [the] said printed circuit board the at least one output is exposed externally of [the] said apparatus to allow the attachment of suitable format connectors thereto.

7. (Amended) Apparatus according to claim 6 [characterised in that] wherein when attached

to [the] said printed circuit board, [the] said adaptor further format connectors are mounted in a plane perpendicular to [the] said printed circuit board.

8. (Amended) Apparatus according to claim 6 [characterised in that the] wherein said adaptor is positioned at the rear of [the] said apparatus.

9. (Amended) Apparatus according to claim 6 [characterised in that the] wherein said printed circuit board and said adaptor are mounted within [the] said apparatus housing with the connectors exposed.

10. (Amended) Apparatus according to claim 1 [characterised in that the] wherein said connector includes connector outputs of more than one format.

11. (Amended) Electrical apparatus for the processing of video and/or audio data, said apparatus comprising: [and which apparatus includes] a printed circuit board carrying processing components thereon and the printed circuit board is provided within a housing which has at least one connector of a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and [characterised in that] wherein there is provided for selective attachment to the connector, an adaptor, said adaptor provided with at least one connector of the first format for connection with the said printed circuit board and at least one further connector of a second format which differs to the first format connector.

12. (Amended) Electrical apparatus according to claim 11 [characterised in that] wherein when [the] said adaptor is not connected, the first format connector is exposed externally of [the] said housing for connection with further apparatus.

13. (Amended) Electrical apparatus according to claim 11 [characterised in that] wherein when [the] said adaptor is connected [the] said connector with the second format is exposed externally of [the] said housing for connection with further apparatus.

14. (Amended) An adaptor for use with electrical apparatus, said apparatus comprising: [which apparatus includes] at least one connector of a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and [characterised in that] wherein the adaptor is provided with at least one connector of the first format for connection with the said electrical apparatus and at least one further connector of a second format which differs to the first format connector.

**REMARKS**

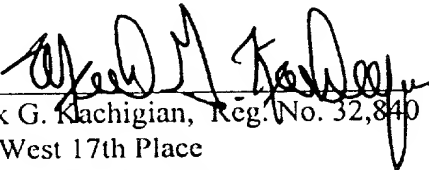
Attached are the marked up versions of the claims and new paragraphs as required in Section 1.121(4) (ii).

The application should now be in condition for examination, which is respectfully requested.

Respectfully Submitted

HEAD, JOHNSON & KACHIGIAN

Dated: 29 June 2001

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1052930-0423650

New Header and paragraphs to be inserted on Page 1, before line 1:

### **CROSS-REFERENCE TO RELATED APPLICATION**

This application claims priority to British Patent Application No. 0018426.7 filed 28 July 2000.

### **BACKGROUND OF THE INVENTION**

Replacement paragraph for Page 1:

Scart connectors are a 21-way connector used to connect video equipment together. They comprise a male and a female parts, provided in respective parts of apparatus and a data cable for connection therewith. They are typically used in Europe and other countries to provide connections for apparatus utilizing video input and output, audio input and output, RGB video and control signals. Such apparatus can include TV, VCR, satellite receiver, video cameras and home cinema apparatus. There are 20 pins in the male part, the 21<sup>st</sup> pin connection is the metal shell of the connector, to which the screening braid of the data cable connected thereto is connected.

T05290" 0423660

New paragraph Header to be inserted into Page 3 before the first line:

### **SUMMARY OF THE INVENTION**

In a first aspect of the invention there is provided electrical apparatus for the processing of video and/or audio data and which apparatus includes a printed circuit board carrying processing components thereon, the printed circuit board is provided with at least one scart connection for the connection of further apparatus thereto and for the transfer of data between said apparatus, and characterized in that there is provided for selective attachment to the scart connection, an adaptor, said adaptor provided with at least one scart connector for connection with the said apparatus, and at least one output connection for the selective connection thereto of phono and/or other format connectors for mutual engagement.

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a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and characterised in that there is provided for selective attachment to the connector, an adaptor, said adaptor provided with at least one connector of the first format for connection with the said printed circuit board and at least one further connector of a second format which differs to the first format connector.

In a yet further aspect of the invention there is provided an adaptor for use with electrical apparatus which apparatus includes at least one connector of a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and characterised in that the adaptor is provided with at least one connector of the first format for connection with the said electrical apparatus and at least one further connector of a second format which differs to the first format connector.

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Headers to be inserted into Page 6:

Before the first line:

**"DESCRIPTION OF THE DRAWINGS";**

Before Line 8:

**"DESCRIPTION OF THE PREFERRED EMBODIMENTS".**

T06290 04236360

New paragraph for page 8 to be inserted after the last line:

While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.

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1. (Amended) Electrical apparatus for the processing of video and/or audio data said apparatus comprising: a printed circuit board carrying processing components thereon and the printed circuit board is provided with at least one scart connection for the connection of further apparatus thereto and for the transfer of data between said apparatus, and wherein there is provided for selective attachment to the scart connection, an adaptor, said adaptor provided with at least one scart connector for connection with the said apparatus, and at least one output connection for the selective connection thereto of phono and/or other format connectors, from the said further apparatus.
2. (Amended) Apparatus according to claim 1 wherein a common printed circuit board configuration is used for said apparatus.
3. (Amended) Apparatus according to claim 1 wherein said apparatus is a broadcast data receiver.
4. (Amended) Apparatus according to claim 1 wherein said printed circuit board and said adaptor include two or more scart connectors for mutual engagement.
5. (Amended) Apparatus according to claim 1 wherein when said adaptor is not attached to said printed circuit board the at least one scart connector of said printed circuit board is exposed externally of said apparatus to allow the attachment of scart connectors thereto by the user.

6. (Amended) Apparatus according to claim 1 wherein when said adaptor is attached to said printed circuit board the at least one output is exposed externally of said apparatus to allow the attachment of suitable format connectors thereto.

7. (Amended) Apparatus according to claim 6 wherein when attached to said printed circuit board, said adaptor further format connectors are mounted in a plane perpendicular to said printed circuit board.

8. (Amended) Apparatus according to claim 6 wherein said adaptor is positioned at the rear of said apparatus.

9. (Amended) Apparatus according to claim 6 wherein said printed circuit board and said adaptor are mounted within said apparatus housing with the connectors exposed.

10. (Amended) Apparatus according to claim 1 wherein said connector includes connector outputs of more than one format.

11. (Amended) Electrical apparatus for the processing of video and/or audio data, said apparatus comprising: a printed circuit board carrying processing components thereon and the printed circuit board is provided within a housing which has at least one connector of a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and wherein there is provided for selective attachment to the connector, an adaptor, said adaptor provided with at least one connector of the first format for connection with the said printed circuit board and at least one further connector of a second format which differs to the first format connector.

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12. (Amended) Electrical apparatus according to claim 11 wherein when said adaptor is not connected, the first format connector is exposed externally of said housing for connection with further apparatus.

13. (Amended) Electrical apparatus according to claim 11 wherein when said adaptor is connected said connector with the second format is exposed externally of said housing for connection with further apparatus.

14. (Amended) An adaptor for use with electrical apparatus, said apparatus comprising: at least one connector of a first format connected to the printed circuit board and to allow the connection of further apparatus thereto and for the transfer of data between said apparatus, and wherein the adaptor is provided with at least one connector of the first format for connection with the said electrical apparatus and at least one further connector of a second format which differs to the first format connector.